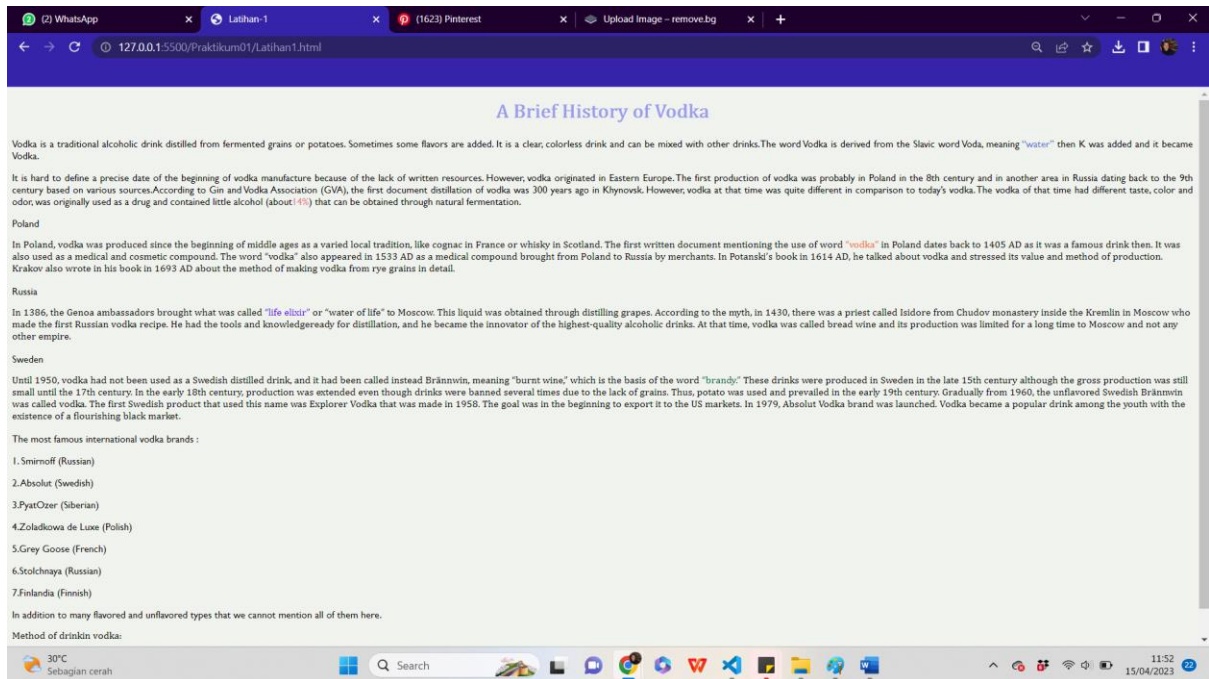


LEMBAR JAWABAN TUGAS

Nama : Melani 212310049 / TI-21-KA
Mata Kuliah : Lab. PW Pertemuan 1
Dosen : Febri Damatraseta, S.T., M.Kom.

Latihan 1



The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Latihan-1' and displays a document titled 'A Brief History of Vodka'. The document content includes a definition of vodka, its origins in Eastern Europe, and a list of famous international vodka brands. The browser's address bar shows the URL '127.0.0.1:5500/Praktikum01/Latihan1.html'. The Windows taskbar at the bottom shows the date and time as 11:52 on 15/04/2023.

A Brief History of Vodka

Vodka is a traditional alcoholic drink distilled from fermented grains or potatoes. Sometimes some flavors are added. It is a clear, colorless drink and can be mixed with other drinks. The word Vodka is derived from the Slavic word Voda, meaning "water" then K was added and it became Vodka.

It is hard to define a precise date of the beginning of vodka manufacture because of the lack of written resources. However, vodka originated in Eastern Europe. The first production of vodka was probably in Poland in the 8th century and in another area in Russia dating back to the 9th century based on various sources. According to Gin and Vodka Association (GVA), the first document distillation of vodka was 300 years ago in Khynovsk. However, vodka at that time was quite different in comparison to today's vodka. The vodka of that time had different taste, color and odor, was originally used as a drug and contained little alcohol (about 4%) that can be obtained through natural fermentation.

Poland

In Poland, vodka was produced since the beginning of middle ages as a varied local tradition, like cognac in France or whisky in Scotland. The first written document mentioning the use of word "vodka" in Poland dates back to 1405 AD as it was a famous drink then. It was also used as a medical and cosmetic compound. The word "vodka" also appeared in 1533 AD as a medical compound brought from Poland to Russia by merchants. In Potanski's book in 1614 AD, he talked about vodka and stressed its value and method of production. Krakov also wrote in his book in 1693 AD about the method of making vodka from rye grains in detail.

Russia

In 1386, the Genoa ambassadors brought what was called "life elixir" or "water of life" to Moscow. This liquid was obtained through distilling grapes. According to the myth, in 1430, there was a priest called Isidore from Chudov monastery inside the Kremlin in Moscow who made the first Russian vodka recipe. He had the tools and knowledge ready for distillation, and he became the innovator of the highest-quality alcoholic drinks. At that time, vodka was called bread wine and its production was limited for a long time to Moscow and not any other empire.

Sweden

Until 1950, vodka had not been used as a Swedish distilled drink, and it had been called instead Brännvin, meaning "burnt wine", which is the basis of the word "brandy". These drinks were produced in Sweden in the late 15th century although the gross production was still small until the 17th century. In the early 18th century, production was extended even though drinks were banned several times due to the lack of grains. Thus, potato was used and prevailed in the early 19th century. Gradually from 1960, the unflavored Swedish Brännvin was called vodka. The first Swedish product that used this name was Explorer Vodka that was made in 1958. The goal was in the beginning to export it to the US markets. In 1979, Absolut Vodka brand was launched. Vodka became a popular drink among the youth with the existence of a flourishing black market.

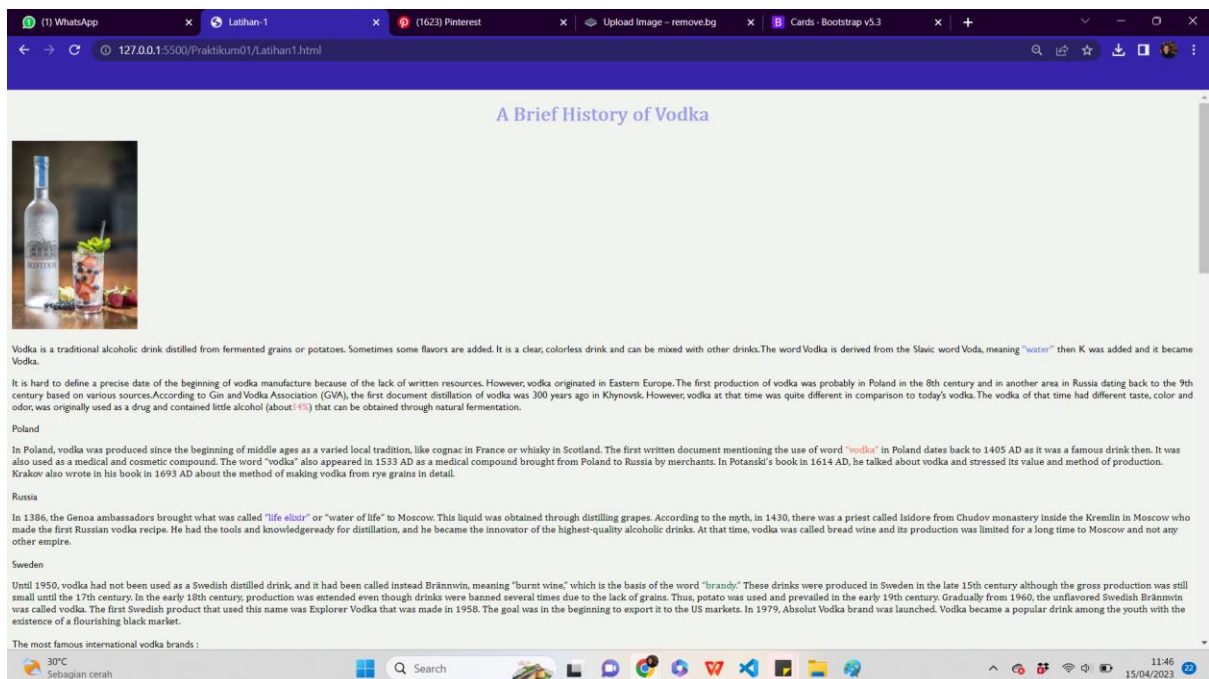
The most famous international vodka brands :

1. Smirnoff (Russian)
2. Absolut (Swedish)
3. PyatOzer (Siberian)
4. Zoladkova de Luxe (Polish)
5. Grey Goose (French)
6. Stolchnaya (Russian)
7. Finlandia (Finnish)

In addition to many flavored and unflavored types that we cannot mention all of them here.


Method of drinkin vodka:

Latihan 2



The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Latihan-1' and displays a document titled 'A Brief History of Vodka'. The document content is identical to the one in the previous screenshot, but it includes an image of a vodka bottle and glass. The browser's address bar shows the URL '127.0.0.1:5500/Praktikum01/Latihan1.html'. The Windows taskbar at the bottom shows the date and time as 11:46 on 15/04/2023.

A Brief History of Vodka



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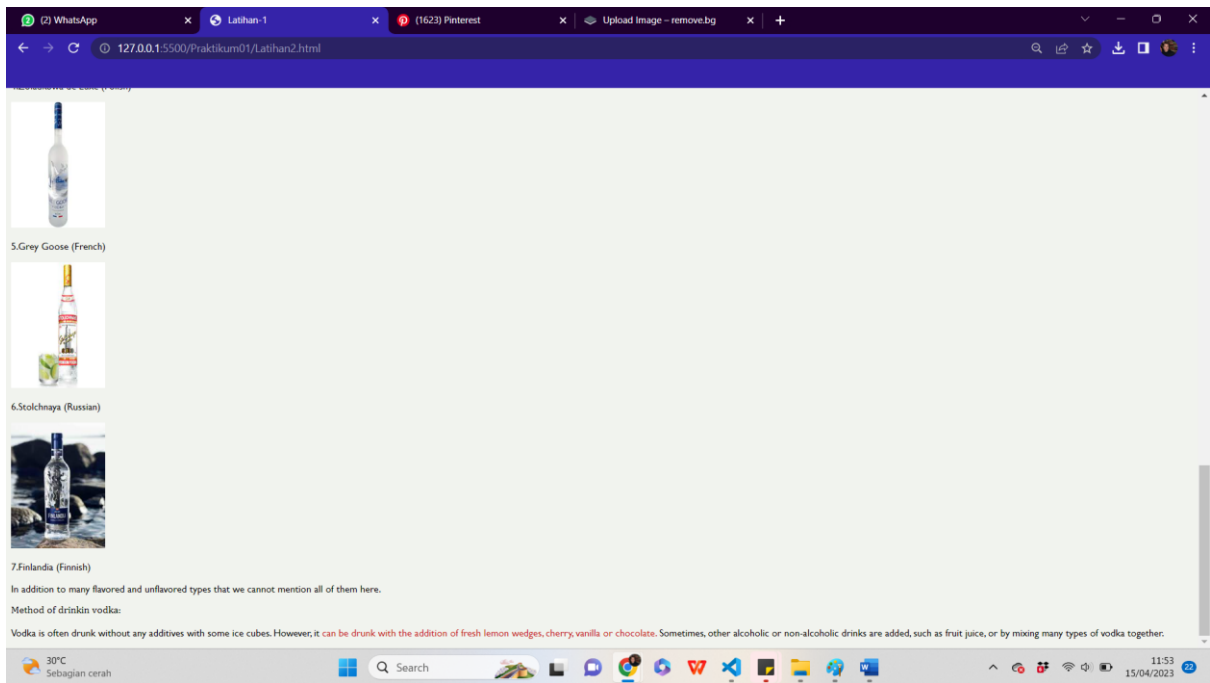
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The most famous international vodka brands :



Latihan 3

Oksigen mempunyai beberapa SIFAT FISIKA, diantaranya yang terdapat dalam table berikut:

Sifat Fisika	Oksigen
Massa atom relative	15,994
Nomor Atom	8
Konfigurasi electron	$2s^2 2p^4$
Jari-jari atom (nm)	0,074
Jari-jari X^{2-} (nm)	0,140
Keelectronegatifan	3,5
Energy ionisasi I (kJ/mol)	1316
Energy ionisasi II (kJ/mol)	3396
Kerapatan (g/cm^3)	1,27 (padatan)
Titik leleh ($^{\circ}C$)	+183
Titik beku ($^{\circ}C$)	-219
Potensial elektroda(V)	+0,401
$X_{2(g)} + 2e^- \rightleftharpoons (aq) 2X^- (aq)$	-

Latihan4

The 10 Most Popular Programming Languages to Learn in 2022

There's no question that software programming is a hot career right now. The U.S. Bureau of Labor Statistics projects 21 percent growth for programming jobs from 2018 to 2028, which is more than four times the average for all occupations. What's more, the median annual pay for a software programmer is about \$106,000, which nearly three times the median pay for all U.S. workers.

Not all programming jobs are the same, however. Different roles, companies, and types of software require knowing and understanding different programming languages—and it's often beneficial to know multiple languages. Trying to break into the field of software programming can be a daunting experience, especially for professionals with no prior programming experience.

The [Master of Science in Computer Science Allen program](#) at Northeastern University is specifically designed for students who want to transition into computer science from another field of study.

"Our aim is to transport students from a variety of different backgrounds and have them come out as software engineers," says Ian Gorton, PhD and director of the graduate computer science programs at Northeastern University—Seattle. "We focus on math, programming, and a variety of computer science and engineering concepts."

Whether you're new to programming or looking to brush up on your skills, it helps to know which languages are in high demand. Here are 10 of the most popular programming languages of 2020 based on the number of job postings listed on job search site Indeed, the average annual salary for those jobs, and factors such as ease of use and potential for growth.

Top 10 Most Popular Programming Languages

1. Python
Average annual salary: **\$120,000**
2. JavaScript
Average annual salary: **\$118,000**
3. Java
Average annual salary: **\$104,000**
4. C#
Average annual salary: **\$97,000**
5. C
Average annual salary: **\$97,000**
6. C++
Average annual salary: **\$97,000**
7. Go
Average annual salary: **\$93,000**
8. R
Average annual salary: **\$93,000**
9. Swift
Average annual salary: **\$93,000**
10. PHP
Average annual salary: **\$81,000**

7 Other Programming Languages to Consider

- Web-based startups are more likely to be programming in **Python** and **JavaScript**.
- Larger companies tend to develop their internal software applications using **C#** or **Java** and their **Web applications** using **PHP**.

Latihan 5

Programming Language Base on Career

Front-end Web Development	Back-end Web Development	Mobile Development
JavaScript	JavaScript	JavaScript
Elm	Scala	Java
TypeScript	Go	Objective C
	Ruby	Swift
	Python	

• **Web-based** startups are more likely to be programming in **Python** and **JavaScript**.
• Larger companies tend to develop their internal software applications using **C#** or **Java** and their **Web applications** using **PHP**.
• Programs for data analytics typically use the **R** and **MATLAB** programming languages.
• **Embedded devices** such as those in the automotive and healthcare industries, run software written in **C**, **C++**, or **Rust**.
• Applications that run on the cloud are increasingly written in **Go** or **Scala**.
• **Mobile applications** are increasingly written in **Swift** or **Kotlin**.

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List of programming languages

50 languages

Latihan 6

Top 10 Daftar Bahasa Pemrograman

Daftar isi:

- [Python](#)
- [JavaScript](#)
- [Java](#)
- [C#](#)
- [Go](#)
- [R](#)
- [Swift](#)
- [PHP](#)

Python

Python adalah ...

JavaScript

JavaScript adalah ...

Java

Java adalah ...

C#

C# adalah ...

Go

Go adalah ...

R

R adalah ...

Swift

Swift adalah ...

PHP

PHP adalah ...

[Go to Latihan 4](#)
[Go to Latihan 5](#)
[Go to URL](#)

Latihan 7

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/Praktikum01/Latihan7.html'. The browser has several tabs open, including 'WhatsApp', 'Latihan-7', 'Latihan-5', 'Pinterest', and 'Upload Image - remove.bg'. The main content area displays a form titled 'Latihan 7' with the following fields:

- 1. NPM :
- 2. Fullname :
- 3. Email :
- 4. Password :
- 5. Place Birth :
- 6. Birthdate :
- 7. Gender : ☐ Male ☐ Female
- 8. Address :

At the bottom of the form, there are 'Save' and 'Clear' buttons. The browser's status bar at the bottom shows the system clock as 11:59 on 15/04/2023.